

Nature of Rupture During Plastic Deformation of
Metals, by S. I. Gubkin, L. A. Rapoport,
(AF-620014) UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR, Vol XCIV,
No 4, 1954, pp 685-688.

26,788

ATTC F TS-8501/V

Scientific - Min/Metals

Sep 55 CTS/DEX

Influence of Elements Forming Sparingly Soluble
Carbides Upon the Decomposition of Austenite, by L. I.
Kogan, R. I. Entin

RUSSIAN, thrice-no per, Dok Ak Bank SSSR, Vol. ~~XXIV~~ ^{XXV}, No 4
1954, pp 693-696.

Brutcher Tr 3318

15,977

Scientific - Minerals/Metals

Jul CTS/DEK

3
Price \$3.40

The Reaction of Alkylacetoxysilanes With Alcohols
by K. A. Andryanov, AA. Zhdanov, A.A. Bogdanova .

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 4, Feb 1954, pp 697-699.

Assoc Tech Sv RJ 280
PO Box 271
East Orange, NJ

Scientific - Chemistry

31, 211

Feb 56

Investigation of the Physical Structure of
Synthetic Polyamides by Infrared Absorption
Spectra, by D. N. Shigorin, H. V. Mikhaylov,
S. P. Makar'eva, 11 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 4, 1954, pp 717-720.

11-11-2001
CIA/FDD/X-1609

22,837

Scientific - Chemistry Apr 55 CTS

Used of Tagged Atom Method in Study of the Stability
of Dusts of Phosphorus-Organic Insecticides, by
K. A. Gar, N. N. Mel'nikov, Ya. A. Mandel'baum, V. L.
Chernetsova, K. D. Shvetsova-Shilovskaya.

thrice-mo

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 4,
1 Feb 1954, pp 729-732. CIA 9012865

USDA

Sci - Biol

SLR-1517
53,798

Oct 58

V
The Possible Cause of the Disturbed Solar-Diurnal
Variation of the Earth's Magnetic Field, by B. Ye.
Bryunelli, 4 pp.

5

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 5,
1954, pp 741-743.

ATIC F-TS-8970/V

Sci - Geophysics

46, 480

Apr 57 CTS

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 5, 11 Feb 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

"Schroedinger Form" for Relativistically Invariant
Equations, by Yu. A. Izrael, 9 pp.

RUSSIAN, per, Dok Ak Nauk, Vol. XCIV, No 5, 1953.
CIA D-448647.

OIN-10436

32,916

USSR
Scientific - Mathematical^S, Physics

Apr 56

on the Functional Separability of Boolean
functions, by G. N. Povarov, 4 pp.

SSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
5, 1954, pp 801-803.

MDP P-118

OTS - 62 - 16089

161,394

1 - *Phyp*
1 161

Realization of Linear Functions in the Class of
J_n-Circuits (Series-Parallel), by S. V.
Mablonskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 5,
1954, pp 804-806. 909 A 946
5

MDF I-101

Sci - Electron
Jul 61

161, 416

Types of Flow of Gas/Liquid Mixtures in Horizontal
Pipes, by M. A. Mologin, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 5, 1954, pp 807-810.

Sci Mus Lib No 55/1240
A.E.R.E. Lib/Tr 479.

Sci - Physics
CTS 71/Aug 1955

25,742

Vartanyan, A. T. THE EFFECT OF HYDROGEN ON THE PHOTOCON- DUCTIVITY OF SOLID DYE FILMS. [1964] [10p] Srefs Order from OTS, SLA, or ETC \$1.10 TT-64-10408 Trans. of <u>Akademiya Nauk SSSR, Doklady</u>, 1954, v. 94, no. 5, p. 829-832. <i>Sci. Mus. Lib. No 54/2914</i> (Chemistry--Physical, TT, v. 12, no. 1)	TT-64-10408 I. Vartanyan, A. T. Office of Technical Services
---	---

Study of Paramagnetism of Some Ferrites, by
B. Gal'perin et al

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol XCIV,
No 1, 1954, pp 833-838.

5

Brutcher Tr 3312

Scientific - Minerals/Metals
Jul CTS/PR

Price \$1.85

15,965

Nuclear Disintegration by a Heavy Meson, by Yu. G.
Detyarev, et al, 3 pp.

XCIV
RUSSIAN, thrice-mo per, Bok Ak Nauk SSSR, Vol 94,
No 5, Moscow, 1954, pp 843-844. CIA D270077.

Assoc Tech Sv.
RJ 242

\$1.00
USSR
Sci - Physics

any 55
26, 094

Conditions Conducive to Maximum Concentrations
of Ultrasound, by L. D. Rozenberg,

RUSSIAN, Dok Ak Nauk SSSR, Vol XCIV, No 5,
1954, pp 845-848,

Bratcher Tr No 3416

#2.85

23,606

Scientific - Physics

May 55 CTS

S-2716

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, 1954,
pp 883-885.

Kinetics of Catalytic Cracking of Geometrical
Isomers of Decalin, by G. M. Panchenkov,
V. V. Krasivichev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, 1954, pp 891-893.

Assoc Tech Sv RJ-228
\$4.80

Scientific - Chemistry
CTS 73/Oct 1955

27,494

Composition of Products of Thermal Decomposition
of Unsaturated Hydrocarbons, by V. V. Voevodskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, 1954, pp 909-912.

Assoc Tech Sv RJ-222
\$8.00

Scientific - Chemistry
CTS 73/Oct 1955

27,503

Application of Sorption Method to the Study of the
Interaction of Zirconium Oxide With the ~~Oxides~~
Oxides of Calcium and Magnesium, by E. N. Nikitin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 5,
1954, pp 919-921. *CIA 611803*

26,763

MEMORANDUM

State

Research and Development

A/E/R/E/ Harwell Tr 466

Scientific - Chemistry

Sep 55 CTS

Shatenshtein, A. I. and Izrailevich, E. A.
THE RECIPROCAL INFLUENCE OF ATOMS IN MOLECULES OF SOME AROMATICS ACCORDING TO EXPERIMENTS WITH HYDROGEN ISOTOPE EXCHANGE.
8p. 4 refs. MTWL: 743.
Order from OTS or ETC \$1.55 61-17273

Trans. of Akademiya Nauk SSSR. Doklady, 1954, v. 94, no. 5, p. 923-926.

DESCRIPTORS: *Exchange reactions deuterium,
*Chemical bonds, *Benzenes.

61-17273

I. Shatenshtein, A. I.
II. Izrailevich, E. A.
III. MTWL-743
IV. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Table of Contents, 6 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 21 Feb 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Formation and Accumulation of Antibiotic
Substances in Soil, by N. A. Krasil'nikov.
RUSSIAN, per, Dokl. Akad. Nauk, Vol 94,
1954, pp 957-960.
GB/25

Sci -
Aug 67

335,214

Akhmerov, A. Kh.
THE PARASITE FAUNA AND THE SPECIES RELATIONSHIPS OF THE KAMCHATKA AZABACH, ONCORHYNCHUS NERKA INFRASP. ASABATCH BERG 1932 (O Parazitofaune i Vidovoy Prinadlezhnosti Kamchatskogo Azabacha Oncorhynchus Nerka Infrasp. Asabatch, Berg, 1932) tr. by W. E. Ricker. 1960 [5]p. 2 refs. FRBC Trans. Series no. 283. Order from NRCC m\$1.00, ph\$1.50 NRCC C-3623

Trans. of Akademiya Nauk SSSR. Doklady, 1954, v. 94, no. 5, p. 969-971.

DESCRIPTORS: *Salmon, *Parasites.

*Book not
#400, 3073*
(Biological Sciences--Zoology, TT, v. 6, no. 1) *400*

61-22471

I. Akhmerov, A. Kh.
II. FRBC Trans-283
III. NRCC C-3623
IV. Fisheries Research Board of Canada

161885

Office of Technical Services

On Finding Eigenvalues by the Method of Nets,
by V. K. Saul'ev.

RUSSIAN, per, AN SSSR, Doklady, Vol 94,
No 6, 1954, pp 1003-1006.

Dept of Navy APL/JHU CIB-3 T558

Sci/Math
Nov 68

368,525

The Principles of the Chemistry of Enzymes and
Antimetabolites From the Standpoint of the Theory of
Catalysis, by A. A. Balandin. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
1957, pp 1008-1011.

*AEC UCRL Tr 376

Sci - Chem
Feb 58

Shapes of the Cavitation Region on a Transverse
Foil in a Normally Incident Stream, by K. K.
Shal'nev.

RUSSIAN, per, Dok Ak Nauk, Vol 94, No 6, 1954,
pp 1017-1022. CIA D177065

Def Sci Info Sv
DRB T.152.R

RT-2393

AEC 2096

Feb 55

21,204

The Nature of the [Radio and Optical] Emission
From the Crab Nebula, by V. A. Dzembrovskiy,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1021-1024.

ARDC - X-6 DDC Def Sci Info Sv,
DRB, Canada
T 141 R

Scientific - Astronomy

RT-1860
CTS/DEK

CIA D 93810 13,775

Highly Monochromatic Dispersion Light Filters, by
F. A. Korolev, A. Yu. Klement'eva, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 12 1025-1027.

CIA/FDD/X-1576

USSR

Scientific - Physics

21,997

XXXXXX

CIS 66/ Mar 1955

Spectrum of Bremsstrahlung in a Medium, by
M. L. Ter-Mikheyelian.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1033-1036.

Def Sci Info Sv,
DRB, Canada
T 140 R

Scientific - Astronomy

CTS/DEX

13,774

The Distribution Function of Cloud and Raindrops
by Sizes, by L. M. Levin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1045-1048.

Assoc Tech Serv - 67-1732

Sci - Geophys

Jul 58

67,172

Diffusion of Silver in Alloys of Iron and Palladium
and Internal Adsorption of Palladium in Iron, by
V. I. Arkharov, B. A. Yumikov.

GOVERNMENT USE ONLY

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 94, 1954,
pp 1057-1060.

CIA X-6627

June 68

357,157

Concerning the Diffusion of Ag in Fe Alloys
with Pd and Concerning the Intergranular
Absorption of Pd in Iron, by V.I. Arkharov
et al.

RUSSIAN, per, Doklady Akad. Nauk SSSR,
Vol. 94, no. 6, 1954, pp. 1057-1060.

*CFSTI TT 70-57070

Sci/phys
Feb 70

Hardness of Gamma Solid Solution in the Iron-
Carbon System at High Temperature, by ¹/₂
K. A. Osipov, E. M. Miroshkina,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIV, No 6, 1954, pp 1065-1067,

Butcher Tr No 3332

13,737

Scientific - Min/Metals

On the Synthesis of Multi-Terminal Switching
Networks, by G. N. Povarov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1075-1076.

54A 62-25009
MDP P-122

Sci - *phys*
Jul 61.

161,395-

The Thermal Stability of Calcium Sulpho-
Aluminate, by T. Yu. Lyubimova. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1101-1104.

DSIR LIA H.1305

(loan)

Sol - Phys; Chem

Apr 60

112,662

Composition of Photographically Active Particles
Separated By Metals During Atmospheric
Corrosion, by I. L. Roykh, 8 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1117-1120.

CIA/FDD/X-1607

22,843

Scientific - Chemistry

Apr 55 CTS

The Role of Quenching in the Reactions of Oxidation
and Decomposition of Methane at High Temperatures and
Extremely High Pressures, by Yu. N. Ryabinin, A. M.
Markovich, I. I. Tamen, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1120-1124.

36,112
Sci Tr Center RT-3661
ATS RJ-833

Scientific - Chemistry

ATS 3016R

Jun 56/dex

Isolation of Chlorogenic Acid From Eucommia Leaves
and its Determination, by A. R. Guseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XX KCIV, 1954,
pp 1137-1139.

SLA Tr R-1303

Sci

Jun 58

65, 817

Electrolysis of Liquid Iron Containing Slags, by
O. A. Esin, P. M. Shurygin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, No 6,
1954, pp 1145-1147.

*PL-480
OTS 63-11096
PST-982

Sci

Dec 62

Antagonist Microbes and Antibiotic Substances as
Factors in Resistance of Plants Against Infections,
by N. A. Krasil'nikov, 9 pp.

RUSSIAN, ~~zhits-mo per~~, Dok Ak Nauk SSSR, Vol XCIV,
No 6, 1954, pp 1177-1180.

Sci Tr Center RT 4337

Scientific - Biology
Dec 56 CTS

42, 139

Utilization of Tagged Atoms in Studying the Resistance
of Eurygaster Integriceps to Two Organic Phosphate
Insecticides and Method of Studying Their Penetration
Into the Plant, by K. A. Gar, et al. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIV, 1954,
pp 1189-1192.

20,166

USDA

Scientific - Biology, Chemistry

Dec 54 CTS

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 1, 1 Mar 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Polarisation of Light in Nebulae M 20 and
M 8, by D. A. Rozhkovskiy, 4 pp.

RUSSIAN, thrice-per, Dokl Ak Nauk SSSR,
Vol XCV, No 1, 1994, pp 37-39.

ARDC
X-41-PPC

Def Sci Info Sv,
DSS, Canada
T 141 R

Scientific - Astronomy CES/DEX

13,776

CIA D 93810

On the Theory Anomalous Skin Effect in a Magnetic
Field, by M. Ya. Azbel', M. I. Kaganov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, USSR, 1954, p 41.44 —

Morris D. Friedman *K-100*
\$3.00

Scientific - Physics

CTS 67/Apr 55

22,984

1.00 HIR 2202

On the Maximum Coefficient of Directed Action
of Linear and Plane Antennas, by L. D.
Bakhrakh, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, p 45.

Morris D. Friedman
21.01

SSR

Scientific - Physics

CTB 65/Feb 55

21,300

1
The Theory of Measurement of ^H and ^E in Semi-
conducting Ferromagnetics, by K. M. Polivanov,
4 pp, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 1,
1954, pp 61-64.

S.H.A.
May 1957
R-897

Navy Tr 1126/ERL 506

Scientific - Physics Mar 55 CTS

22, 147

X-Ray Analysis of the Structure of Metal
Cuttings, by S. I. Gubkin, L. T. Mendeleyev,
3 pp,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 73-75.

Butler 3311 5-15
Sci Mus Lib No 54/3674

Scientific - Min/~~Metals~~ Metals Mar 55 CTS

21,950

Catalytic Transformations of n-Heptane and
n-Octane in the Presence of Platinized
Carbon, by B. A. Kazanskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
~~XXXXXX~~ Vol XCV, 1954, pp 77-80.

Assoc Tech Sv RJ-227
\$8.00

Scientific - Chemistry
CIS 73/Oct 1955

27,489

Volumetric Determination of Aldehydes and Ketones
by Means of Phenylhydrazine, by A. P. Terent'ev,
K. S. Zabrodina.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol KCV, 1954, pp 85-87.

Assoc Tech Sv RJ-200
\$4.00

Scientific - Chemistry
CTS 73/Oct 1955

27,338

Mechanism of Action of Silicon Upon
Graphitization of Iron Alloys, by K. P.
Bunin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 97-100.

Brutcher Tr

No 3353

Scientific - Minerals/Metals CTS/DEX

19,518

Carbon Exchange Between Hydrocarbons in the
Presence of a Silica-Alumina Catalyst, by
B. V. Klimenok.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 101-103.

Assoc Tech Sv RJ-204
\$5.20

Scientific - Chemistry
CTS 73/Oct 1955

27,469

Mechanism of Electrodeposition of Chromium,
by A. I. Levin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 105-108.

Brutcher Tr No 3315
\$3.80

Scientific - Minerals/Metals
Electricity

CTS 65/Feb 55

21,083

Determination of the Crystalline State and the
Melting Points of Polyethylene by Their Infrared
Absorption Spectra, by V. N. Nikitin,
E. I. Pokrovskiy, 5 pp,

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,
Vol XCV, No 1, 1954, pp 109-110.

CIA/PDD/X-1605

22,841

Scientific - Chemistry ~~45~~ 55 CTS ATS-R1216

Formation of Nitric Oxide in the Adiabatic Compression
of Air Mixtures, by Yu. N. Ryabinin, A. M. Markevich,
I. I. Tamm. UNCLASSIFIED

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCV,
No 1, 1954, pp 111-113.

ATIC F-TS-8348

Scientific - Chemistry

Dec 54 CTS/DEX

20,316

Change of Nucleinic Acids During the
Process of Fertilization of Peas, by
O. A. Vasileva, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
1954, pp 163-166.

172139
USDA

20,176

Scientific ~~Chemistry~~ *Biology*

Dec 54 CTS

Influence of Variable Soil Moisture on the
Formation ~~EX~~ of the Yield of Tobacco Plants
in Connection With Their Passage Through the
Development Stages, by N. Volodarskiy,
I. Bykovskaya.

RUSSIAN, par, Dok Ak Nauk SSSR,
Vol. XCV, No 1, 1954, pp 187-190.

OTS 62-107447
CSIRO 3613

192,086

Sci - BiZkol
Apr 62

Table of Contents, 5 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 2, 11 Mar 1954, Encl to Rpt No IR-1305-54.

AF 623779

USSR
Scientific

CIA-D-50335

Resistance of Metals to Cavitation Corrosion in
Fresh Water and Sea Water, by K. E. Shal'nev.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCV,
No 2, 1954, pp 229-232. *CTA 0177064*

Doc Sci Info Sv
DRB T.153.R.

Geophysics

Scientific - *WJEBISa* Feb 55 GDS/DEX

21,205

Study of the Elastic-Volumetric Changes in a
Nerve on Stimulation by the Interference Method,
by L. P. Kalushin, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 1,
1954, pp 253-255. (9044716)
NIH 4-2-64

Sci - Biol & Med
Jul 64

262,162

NIH 12-30

An Application of the Method of
Isotope Exchange to the Study of the
Structure of Aquapoly and Heteropoly
Compounds, by V. I. Spitsyn,

E. A. Terchenkova.

RUSSIAN, per, Dok Ak Nauk SSSR,

Vol XCV, 1954, pp 289-292.

*AEC IS-Trans-29

EDC Jan 13, 1966

Sci - Phys

Jan 66

Adsorption of Impurities on Aluminium Crystal
Boundaries, by I. E. Bolotov, Yu. D. Kozmanov,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol ~~XXIV~~, 1954, pp 293-295.

XXV

Sci Mus Lib No 56/0858

Sci - Chemistry, min/metals 39, 342

Hydrogen Isotope Exchange in Hydrocarbons in Liquid
Deuterium Fluoride, by Ya. M. Varshavskiy,
6 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No. 1
1954, pp 297-299.

OTS-61-17274

23,562

AEC Tr No 2113

May 55 CTS

Scientific - Nuclear Physics, Chemistry

Oxidation of Iron in Water Vapor, Hydrogen-Water Vapor and Oxygen-Water Vapor Mixtures at High Temperatures, by V. I. Tikhomirov, V. V. Ipat'ov, I. A. Gofman, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV, No 2, 1954, pp 305-308.

OTS 62-11208

Morris D. Friedman T-114
\$3.00

Sci - Physics
Dec 56 CTS

41,480

Enzyme Systems of Mycorrhizal Fungi, by
B. A. Rubin, N. V. Obrucheva, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 2,
1954, pp 337-340.
OTS 6131-11006
PL-480

Sci - Biol & Med Sci
Jun 64

260,400

boundary Value Problems for Equation
 $y'' = f(x, y, y')$ For Small Values of ϵ ,
by N. I. Brish.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 429-432.

NASA TT F-10,839

Sci - Math Sci
May 67

524,173

on a Boundary Problem for Equations of Mixed Type,
by V. G. Karmanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol. XCV, No 3, 1954, pp ~~439-442~~.

Morris Friedman *R-106*

Scientific - Mathematics

CIS 64/Jan 55

20,908

The Cauchy Problem for Nonlinear Equations in a
Class of Discontinuous Functions, by O. A. Oleinik,
6 p.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
XCV, 1954, pp 451-454.

Am Math Soc
Vol XLII, Ser 2

Sci-Math
Jun 66

302,692

The Mass of the Sun in the Era of Planet
Formation, by V. Krat, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 481-484.

ATIC MCL-77/III

Sci - Astron, Geophys

Aug 60

123,874

A Gyrotropic Wave Guide, by M. A. Ginzburg, 4 pp.
UNCLASSIFIED

thrice-mo

RUSSIAN, /per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 489-492.

Navy Tr 1097/NRL 497

Scientific - Physics

Dec 54 CTS/DEX

20,443

Reactions Induced by μ^+ Mesons in Hydrogen,
by Y. B. Zel'dovich, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 493-502.

AC/100-2-34
CIA/FDD X-2719
58,567

Sci - Nuclear Physics
Feb 58

A New Effect Caused by Gyromagnetic Phenomena, by
K. M. Polivanov, 3 pp. UNCLASSIFIED
thrice-mo
RUSSIAN, /per, Dok Ak Nauk, SSSR, Vol XCV, No 3, 1954
pp 501-503.

20,444 Navy Tr 1098/RRL 498

Scientific - Physics

Dec 54 CTS/DEX

Effect of Light Background on Sharpness of Color Discrimination, by G. N. Rautian, V. P. Solov'eva, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV, No 3, 1954, pp 513-516.

CIA/FDD/X-1568

USSR

Scientific - Physics

21,989

CTS 66/Mar 1955

Investigation of Thin Silver Films by Electron Diffraction Patterns, by A. I. Bublik, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV, No 3, 1954, pp 521-523.

CIA/FDD/X-1570

USSR

Scientific - Physics

21,991 CTS 66/Mar 1955

Dissem. to F. H. C. L.
1 CTS TT-62-26660

Artificial Stabilization of the Quartz Lattice,
by E. V. Tsinkerling, 6 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol XCV,
No 3, 1954, pp 529, 530.

SLA Tr R-994

Sci - Chemistry
Mar 58

60,004

V
Application X of the Radiobromatographic Method
to the Study of the Dynamics of Exchange Adsorption
of Phosphate Ions on Inorganic Adsorbents, by E. N.
Gapon,

Vol XCV,
Russian, thrice-mo per, Dok Ak Nauk SSSR/No. 3, 195
pp 567-570.

Assoc Tech Sv
RXX RJ-407

Sci - Chemistry

Aug 1956

36,955 55,80

~~45,80~~

Caloric and Thermal Properties of ~~Nat~~ Natural
Rubber in Ordered and Unordered States, by
Kz B. I. Gengrinovich, 8 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol KCV, No 3,
1954, pp 571-574.

NLL 11/5/74
CIA/FDD/X-1626

23,655

Scientific - Chemistry
5

May 55 GTS

Creep of Single Crystals of Tin, by E. P.
Zakoshchikova, 3 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 575-577.

MEMO 1100/502 (4/15)
Navy Tr 1100/MRL 502

Scientific - Chemistry

Dec 54 CTS/DEX

20,455

Effect of Low-Molecular-Weight Compounds on the
Deformation of Nitrocellulose Over a Wide Range
of Temperatures, by P. V. Kozlov, E. F. Rosskova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, 1954,
pp 583-586.

*PL 480
Foreign Sv

Sci -
Apr 61

Thixotropy and Methods for Its Evaluation In
Viscoelastic Colloidal Systems, by
A. A. Trapeznikov, V. A. Fedotova, 10 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 595-598.

NLL 10.10.10
CIA/FDD/X-1622 *23,658*
SLA 40-1358

Scientific - Chemistry

May 55 CTS

Characteristics of the Formation of Cell Nuclei
in the Tissues of Vegetative-Hybrids, by
M. F. Nikitenko, T. F. Nikitenko, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 649-652.

USDA

20,174

Scientific - ~~Chemistry~~ ^{Biology}

Dec 1954 CTS

Concerning the Role of Phosphate in Chemosynthesis
by Sulphate-Reducing Bacteria, by Yu. I. Sorokin,
7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 3,
1954, pp 661-663.

Sci Mn Lib Tr No 55/0140

23,546

Scientific - Chemistry

May 55 CTS

The Mechanism of the Action of Carbon Dioxide
Gas on the Absorption of Light Energy by
Plant Leaves, by L. N. Bell, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCV, 1954, pp 669-671.

SLA R-1305

May 58

64,602